

**Work Order ID 142262**

Friday, March 04, 2016 7:48:36 AM

**\*142262\***

Page 1

Item ID: 41228-400-009-001

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Harness A/F

Start Date: 3/4/2016 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

**DAS**Approvals: Process Plan: **13** Date: **MAR 04 2016**

Tooling:

Date:

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date:

SPC (Y/N): \_\_\_\_\_

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

41228-400-009

H3

100

0.00

**\*100\***

Purchasing

Memo

0.00

Purchasing

Issue P/O: **28044**  
Possible supplier: POSITRONICS

Manufacture 41228-400-009-001 as per dwg

C OF C IS REQUIRED

**MAR 04 2016****DAS**  
**13**  
**9-89**

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

**2x 8016-03-3**

**Work Order ID 142262**

Friday, March 04, 2016 7:48:36 AM

**\*142262\***

Page 2

Item ID: 41228-400-009-001

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Harness A/F

Start Date: 3/4/2016 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

**\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                           | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp    |
|--------------------------------|----------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|-------------------|
| 120                            | QC5- Inspect part completeness to step on W/O      | 0.00                 |         |        |              |               |               |                  | DAS<br>38<br>9-89 |
| <b>*120*</b>                   |                                                    |                      |         |        |              |               |               |                  |                   |
| QC                             | Memo                                               | 0.00                 |         |        |              |               |               |                  |                   |
| Quality Control                |                                                    |                      |         |        |              |               |               |                  | MAR 04 2016       |
| 130                            | Identify as per dwg & Stock Location: <u>S1272</u> | 0.00                 |         |        |              |               |               |                  |                   |
| <b>*130*</b>                   |                                                    |                      |         |        |              |               |               |                  |                   |
| Packaging                      | Memo                                               | 0.00                 |         |        |              |               |               |                  |                   |
| Packaging                      |                                                    |                      |         |        |              |               |               |                  |                   |
| 140                            | QC21- Final Inspection - Work Order Release        | 0.00                 |         |        |              |               |               |                  |                   |
| <b>*140*</b>                   |                                                    |                      |         |        |              |               |               |                  |                   |
| QC                             | Memo                                               | 0.00                 |         |        |              |               |               |                  |                   |
| Quality Control                |                                                    |                      |         |        |              |               |               |                  |                   |

MCS MAR 07 2016

# Picklist Print

Friday, March 04, 2016 7:48:34 AM

Page 1  
4

Work Order ID: 142262

\*142262\*

Parent Item: 41228-400-009-001

\*41228-400-009-001\*

Parent Item Name: Harness A/F

Start Date: 3/4/2016

Required Date: 3/4/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 15.04.01 NEW ISSUE DD VERF:JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

41228-400-009-001P

Purchased

No

Each

2.0000

\*41228-400-009-001P\*

\*\*

2x 8016-03-03

Harness A/F

Location

Loc Qty

Loc Code

ST

2

131281

2

FAI done.

Work Order ID 131281

\*131281\*

Page 1

Thursday, April 02, 2015 10:11:22 AM

Item ID: 41228-400-009-001

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Harness A/F

Stop

\*NS2\*

Start Date: 4/02/15 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 6/05/15 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals:

Process Plan:

*M*

Date: 15-4-2

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

41228-400-009

H3

100

0.00

\*100\*

Purchasing

Purchasing

Memo

Issue P/O: 28044  
Possible supplier: POSITRONICS

Manufacture 41228-400-009-001 as per dwg

C OF C IS REQUIRED

*CL* 15/04/08 (2)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

\*110\*

Packaging

Packaging

Memo

0.00

2x 5016-03-3

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                         |  |                                              |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Step #: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | QTY Effective : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | MRB (QSI042) Approval                        |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Completed By                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Lead hand / Supervisor Approval Verification |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | QC / QA Coordinator Approval                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                              |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                              |  |
| <div style="display: flex;"> <div style="flex: 1;">           Environment <input type="checkbox"/><br/>           Design <input type="checkbox"/><br/>           Doc/Data <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Pre <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Internal Transport <input type="checkbox"/><br/>           Tribal Knowledge <input type="checkbox"/><br/>           LOA <input type="checkbox"/><br/>           Substation <input type="checkbox"/><br/>           Past Expiry Date <input type="checkbox"/><br/>           Misidentified <input type="checkbox"/> </div> <div style="flex: 1;">           No Re-verification <input type="checkbox"/><br/>           Operator <input type="checkbox"/><br/>           Offset/Setup <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Training <input type="checkbox"/><br/>           Use for Testing <input type="checkbox"/><br/>           Poor Information <input type="checkbox"/><br/>           Rushing <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Past Due <input type="checkbox"/> </div> </div> | <div style="display: flex;"> <div style="flex: 1;">           Pressure/Forced <input type="checkbox"/><br/>           Bending <input type="checkbox"/><br/>           Centre Not Concentric <input type="checkbox"/><br/>           Cracks <input type="checkbox"/><br/>           Crimp/Kink/Ripple/Wave <input type="checkbox"/><br/>           Cuffs <input type="checkbox"/><br/>           Crushing <input type="checkbox"/><br/>           Heat Treat <input type="checkbox"/><br/>           Wave/Twist in Tube <input type="checkbox"/><br/>           Marks/Chatter <input type="checkbox"/> </div> <div style="flex: 1;">           Temperature/Cure <input type="checkbox"/><br/>           Set-up <input type="checkbox"/><br/>           BOM/Route <input type="checkbox"/><br/>           Broken/Damage/Defect <input type="checkbox"/><br/>           Inspection Incomplete/Unqualified <input type="checkbox"/><br/>           Contamination <input type="checkbox"/><br/>           Countersink <input type="checkbox"/><br/>           Cut Too Short <input type="checkbox"/><br/>           Instructions Incomplete/Unclear <input type="checkbox"/><br/>           Drill Holes <input type="checkbox"/> </div> </div> | <div style="display: flex;"> <div style="flex: 1;">           Power Loss/Surge <input type="checkbox"/><br/>           Folio/Program <input type="checkbox"/><br/>           Grain <input type="checkbox"/><br/>           Weld <input type="checkbox"/><br/>           Wrong Stock Pulled <input type="checkbox"/><br/>           Out of Sequence <input type="checkbox"/><br/>           Off-set <input type="checkbox"/><br/>           Misabeled <input type="checkbox"/><br/>           Fit/Function <input type="checkbox"/><br/>           Misaligned/off center <input type="checkbox"/> </div> <div style="flex: 1;">           Positioned Wrong <input type="checkbox"/><br/>           Outside Dimensions <input type="checkbox"/><br/>           Over/Under tolerance <input type="checkbox"/><br/>           Part Incorrect <input type="checkbox"/><br/>           Part Lost/Missing <input type="checkbox"/><br/>           Part Moved <input type="checkbox"/><br/>           Drawing <input type="checkbox"/><br/>           Finish <input type="checkbox"/><br/>           Misread <input type="checkbox"/><br/>           Turning Sequence <input type="checkbox"/> </div> </div> |  |                                              |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                              |  |

Thursday, April 02, 2015 10:11:22 AM

**\*131281\***

Page 2

**Accept**

**\*N900040100\***

**Setup Start \*NS1\***

Stop \*NS2\*

**Start Date:** 4/02/15      **Start Qty:** 2.00      **\*2\***

**Cust Item ID:**

**Required Date:** 6/05/15      **Req'd Qty:** 2.00      **\*2\***

**Customer:**

**Reference:**

**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_      **Run**      **Start**      **\*NR1\***  
                  **QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_ **Date:** \_\_\_\_\_      **Stop**      **\*NR2\***

[illegible]

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                               |                                              |                                   | Skid-tube <input type="checkbox"/> | Cross tube <input type="checkbox"/>   | Water Jet <input type="checkbox"/>     | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/>    | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/>         | Thermoforming <input type="checkbox"/>      | Finishing <input type="checkbox"/>        | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>   | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/>           | Supplier <input type="checkbox"/>   |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                              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           |                                       |                                  |                                        |                                      |                                                |                                           |
| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                               | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Engineering <input type="checkbox"/>          |                                              |                                   |                                    |                                       |                                        |                                      |                                       |                                    |                                            |                                          |                                             |                                           |                                              |                                  |                                    |                                              |                                     |                                              |   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| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quality <input type="checkbox"/>              |                                              |                                   |                                    |                                       |                                        |                                      |                                       |                                    |                                            |                                          |                                             |                                           |                                              |                                  |                                    |                                              |                                     |                                              |                                           |                   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         |                                        |                                          |                                     |                                   |                                      |                                  |                                  |                                     |                                        |                                     |                                 |                                             |                                                          |                                       |                                  |                                        |                                      |                                                |                                           |
| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| <b>Root Cause</b><br><table style="width: 100%; border: none;"> <tr> <td style="border: none;">Environment <input type="checkbox"/></td> <td style="border: none;">No Re-verification <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Design <input type="checkbox"/></td> <td style="border: none;">Operator <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Doc/Data <input type="checkbox"/></td> <td style="border: none;">Offset/Setup <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Equip/Tooling <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Handling/Pre <input type="checkbox"/></td> <td style="border: none;">Training <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Material <input type="checkbox"/></td> <td style="border: none;">Use for Testing <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Internal Transport <input type="checkbox"/></td> <td style="border: none;">Poor Information <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Tribal Knowledge <input type="checkbox"/></td> <td style="border: none;">Rushing <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">LOA <input type="checkbox"/></td> <td style="border: none;">Product Improvement <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Substation <input type="checkbox"/></td> <td style="border: none;">Process Improvement <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Past Expiry Date <input type="checkbox"/></td> <td style="border: none;">Manufacturing Process <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Misidentified <input type="checkbox"/></td> <td style="border: none;">Past Due <input type="checkbox"/></td> </tr> </table> |                                                                                                                                                                                    | Environment <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No Re-verification <input type="checkbox"/>   | Design <input type="checkbox"/>              | Operator <input type="checkbox"/> | Doc/Data <input type="checkbox"/>  | Offset/Setup <input type="checkbox"/> | Equip/Tooling <input type="checkbox"/> | Supplier <input type="checkbox"/>    | Handling/Pre <input type="checkbox"/> | Training <input type="checkbox"/>  | Material <input type="checkbox"/>          | Use for Testing <input type="checkbox"/> | Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/> | Tribal Knowledge <input type="checkbox"/>    | Rushing <input type="checkbox"/> | LOA <input type="checkbox"/>       | Product Improvement <input type="checkbox"/> | Substation <input type="checkbox"/> | Process Improvement <input type="checkbox"/> | Past Expiry Date <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> | Misidentified <input type="checkbox"/> | Past Due <input type="checkbox"/> | <b>FAULT CATEGORY</b><br><table style="width: 100%; border: none;"> <tr> <td style="border: none;">Pressure/Forced <input type="checkbox"/></td> <td style="border: none;">Temperature/Cure <input type="checkbox"/></td> <td style="border: none;">Power Loss/Surge <input type="checkbox"/></td> <td style="border: none;">Positioned Wrong <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Bending <input type="checkbox"/></td> <td style="border: none;">Set-up <input type="checkbox"/></td> <td style="border: none;">Folio/Program <input type="checkbox"/></td> <td style="border: none;">Outside Dimensions <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Centre Not Concentric <input type="checkbox"/></td> <td style="border: none;">BOM/Route <input type="checkbox"/></td> <td style="border: none;">Grain <input type="checkbox"/></td> <td style="border: none;">Over/Under tolerance <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Cracks <input type="checkbox"/></td> <td style="border: none;">Broken/Damage/Defect <input type="checkbox"/></td> <td style="border: none;">Weld <input type="checkbox"/></td> <td style="border: none;">Part Incorrect <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Crimp/Kink/Ripple/Wave <input type="checkbox"/></td> <td style="border: none;">Inspection Incomplete/Unqualified <input type="checkbox"/></td> <td style="border: none;">Wrong Stock Pulled <input type="checkbox"/></td> <td style="border: none;">Part Lost/Missing <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Cuffs <input type="checkbox"/></td> <td style="border: none;">Contamination <input type="checkbox"/></td> <td style="border: none;">Out of Sequence <input type="checkbox"/></td> <td style="border: none;">Part Moved <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Crushing <input type="checkbox"/></td> <td style="border: none;">Countersink <input type="checkbox"/></td> <td style="border: none;">Off-set <input type="checkbox"/></td> <td style="border: none;">Drawing <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Heat Treat <input type="checkbox"/></td> <td style="border: none;">Cut Too Short <input type="checkbox"/></td> <td style="border: none;">Mislabeled <input type="checkbox"/></td> <td style="border: none;">Finish <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Wave/Twist in Tube <input type="checkbox"/></td> <td style="border: none;">Instructions Incomplete/Unclear <input type="checkbox"/></td> <td style="border: none;">Fit/Function <input type="checkbox"/></td> <td style="border: none;">Misread <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Marks/Chatter <input type="checkbox"/></td> <td style="border: none;">Drill Holes <input type="checkbox"/></td> <td style="border: none;">Misaligned/off center <input type="checkbox"/></td> <td style="border: none;">Turning Sequence <input type="checkbox"/></td> </tr> </table> |  |  |  | Pressure/Forced <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/> | Bending <input type="checkbox"/> | Set-up <input type="checkbox"/> | Folio/Program <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Grain <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Weld <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | Part Moved <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Off-set <input type="checkbox"/> | Drawing <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Finish <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Fit/Function <input type="checkbox"/> | Misread <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/> |
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| Internal Transport <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Tribal Knowledge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| LOA <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Substation <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Past Expiry Date <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Misidentified <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Pressure/Forced <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Bending <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Centre Not Concentric <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Cracks <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Crimp/Kink/Ripple/Wave <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Cuffs <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Crushing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Heat Treat <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Wave/Twist in Tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Drill Holes <input type="checkbox"/>                                                                                                                                               | Misaligned/off center <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Turning Sequence <input type="checkbox"/>     |                                              |                                   |                                    |                                       |                                        |                                      |                                       |                                    |                                            |                                          |                                             |                                           |                                              |                                  |                                    |                                              |                                     |                                              |   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| OTHER :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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# Picklist Print

Thursday, April 02, 2015 10:11:26 AM

Page 1

Work Order ID: 131281

**\*131281\***

Parent Item: 41228-400-009-001

**\*41228-400-009-001\***

Parent Item Name: Harness A/F

Start Date: 4/02/15

Required Date: 6/05/15

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 15.04.01 NEW ISSUE DD VERF:JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

41228-400-009-001P

Purchased

No

Each

0.0000

2

**\*41228-400-009-001P\***

**\*\***

2x SP/6-03-3

Harness A/F



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



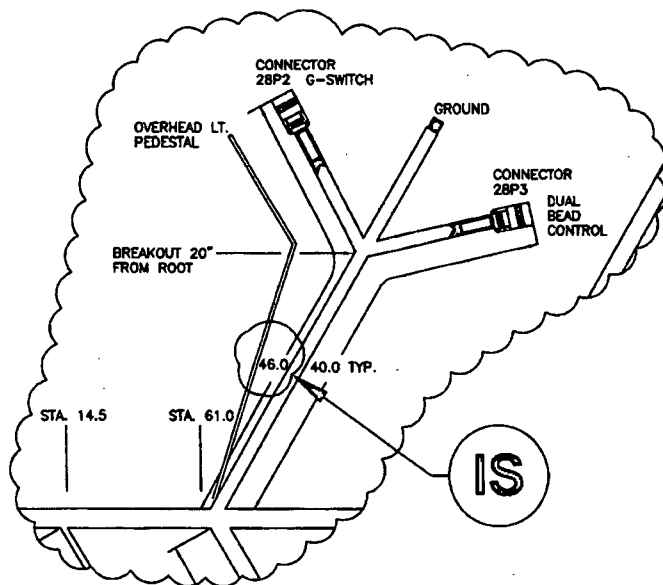
## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

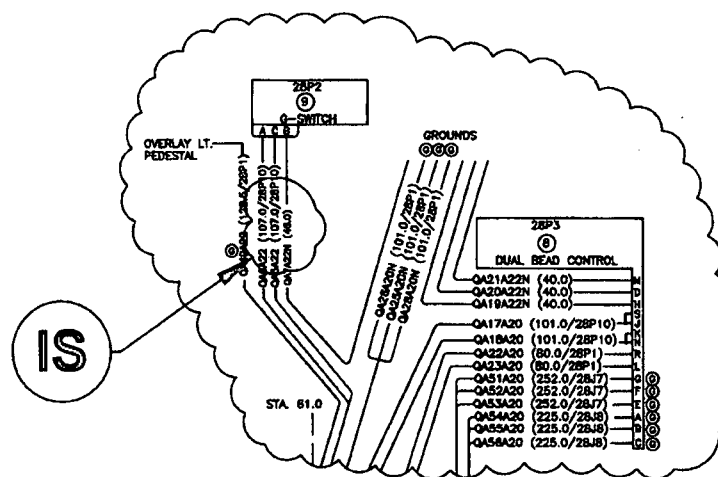
Work Order update only ☐

|                                                              |                                             |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
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| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |                                             | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                           | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Date :                                                       |                                             | Step #:                                                                                                                                                                            |                                           | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   | MRB (QSI042) Approval                                                                                              |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Description Work Order Deviation                             |                                             |                                                                                                                                                                                    |                                           | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                   | Completed By<br><br><br>Lead hand / Supervisor<br>Approval Verification<br><br><br>QC / QA Coordinator<br>Approval |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
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|                                                              |                                             |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Root Cause                                                   |                                             | FAULT CATEGORY                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Environment <input type="checkbox"/>                         | No Re-verification <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/>                                                                                                                                           | Temperature/Cure <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positioned Wrong <input type="checkbox"/> | Design <input type="checkbox"/> | Operator <input type="checkbox"/> | Bending <input type="checkbox"/>                                                                                   | Set-up <input type="checkbox"/> | Folio/Program <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | Doc/Data <input type="checkbox"/> | Offset/Setup <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Grain <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | Equip/Tooling <input type="checkbox"/> | Supplier <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Weld <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | Handling/Pre <input type="checkbox"/> | Training <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | Material <input type="checkbox"/> | Use for Testing <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | Part Moved <input type="checkbox"/> | Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Off-set <input type="checkbox"/> | Drawing <input type="checkbox"/> | Tribal Knowledge <input type="checkbox"/> | Rushing <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Finish <input type="checkbox"/> | LOA <input type="checkbox"/> | Product Improvement <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Fit/Function <input type="checkbox"/> | Misread <input type="checkbox"/> | Substation <input type="checkbox"/> | Process Improvement <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/> | Past Expiry Date <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> | OTHER : _____ |  |  |  |
| Misidentified <input type="checkbox"/>                       | Past Due <input type="checkbox"/>           |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |

|                                                                |                                        |                       |                         |                |                                                                                           |  |
|----------------------------------------------------------------|----------------------------------------|-----------------------|-------------------------|----------------|-------------------------------------------------------------------------------------------|--|
| APICAL<br>INDUSTRIES, INC.                                     | ENGINEERING CHANGE NOTICE NO. 03103    |                       |                         |                | SHEET 1 OF 2                                                                              |  |
|                                                                | DWG NO. 41228-400-009                  | REV: H                | PREPARED BY J. GARDINER | DATE: 05/10/11 | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |  |
|                                                                | DWG TITLE: AUX FUEL ELEC. WIRE HARNESS |                       |                         |                |                                                                                           |  |
| APPROVED BY: ENGR <i>[Signature]</i>                           | MFG <i>[Signature]</i>                 | QC <i>[Signature]</i> | EFF: CURRENT ORDER      |                |                                                                                           |  |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: REVISE LENGTH OF HARNESS.      |                       |                         |                |                                                                                           |  |



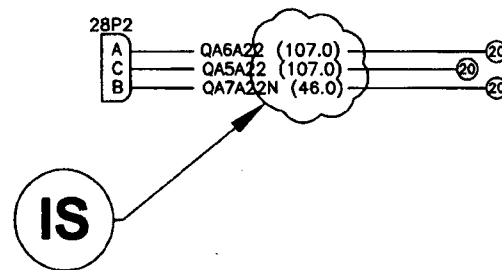
**SHEET 3, ZONE B4 IS:**



**SHEET 4, ZONE B4 IS:**

*15-4-2*  
*131281*

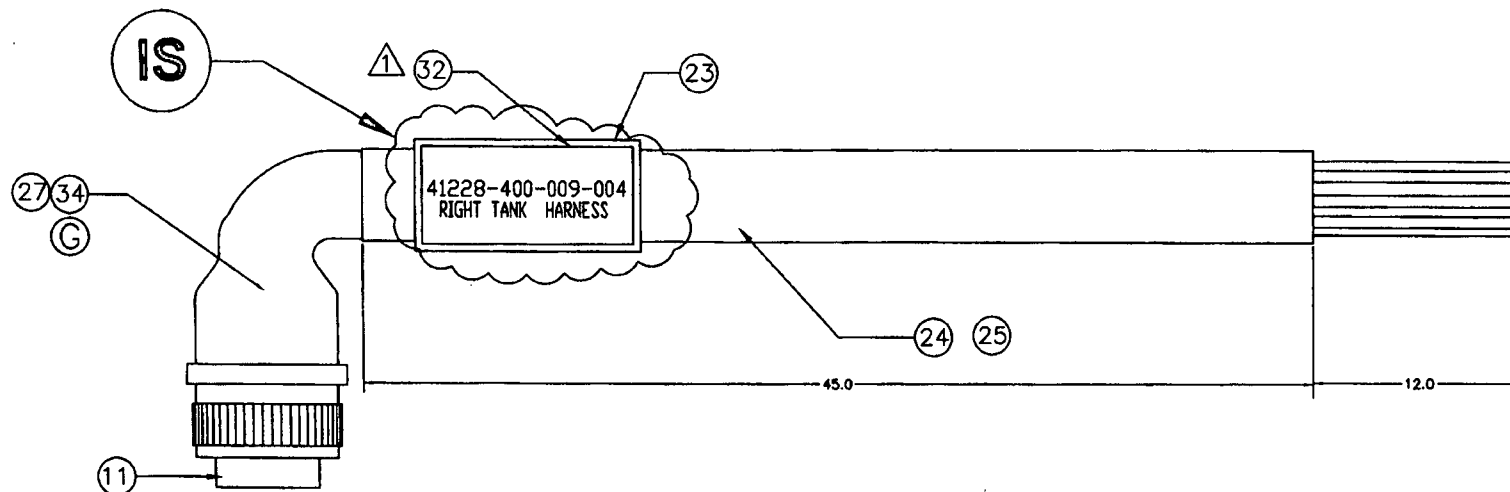
|                                                                                                                                            |    |                |      |      |      |      |      |      |      |      |      |                                                                          |                                                                     |               |
|--------------------------------------------------------------------------------------------------------------------------------------------|----|----------------|------|------|------|------|------|------|------|------|------|--------------------------------------------------------------------------|---------------------------------------------------------------------|---------------|
| 20                                                                                                                                         | R  | M22759/41-22-9 |      | 61'  |      |      |      |      |      | 46'  |      |                                                                          |                                                                     |               |
| F/N                                                                                                                                        | TC | PART NUMBER    | -009 | -008 | -007 | -006 | -005 | -004 | -003 | -002 | -001 | DESCRIPTION                                                              | MATERIAL                                                            | SPECIFICATION |
| QTY                                                                                                                                        |    |                |      |      |      |      |      |      |      |      |      |                                                                          |                                                                     |               |
| DOCUMENTS EFFECTED:                                                                                                                        |    |                |      |      |      |      |      |      |      |      |      | CHANGE CATEGORY                                                          | DER REVIEW REQUIRED                                                 |               |
| <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM |    |                |      |      |      |      |      |      |      |      |      | <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |               |



SHEET 6, ZONE A2 IS:

| F/N | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL | SPECIFICATION |
|-----|----|-------------|-----|-------------|----------|---------------|
|     |    |             |     |             |          |               |

|                                                                |                                                                                                |                        |                         |                    |                                                                                           |  |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------|-------------------------|--------------------|-------------------------------------------------------------------------------------------|--|
| APICAL<br>INDUSTRIES, INC.                                     | ENGINEERING CHANGE NOTICE NO. 03054                                                            |                        |                         |                    | SHEET 1 OF 1                                                                              |  |
|                                                                | DWG NO. 41228-400-009                                                                          | REV: H                 | PREPARED BY J. GARDINER | DATE: 02/03/11     | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |  |
|                                                                | DWG TITLE: AUX FUEL ELEC. WIRE HARNESS                                                         |                        |                         |                    |                                                                                           |  |
| APPROVED BY: ENGR <i>[Signature]</i>                           |                                                                                                | MFG <i>[Signature]</i> | QC <i>[Signature]</i>   | EFF: CURRENT ORDER |                                                                                           |  |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: REVISE LABEL ON 41228-400-009-004 RIGHT TANK HARNESS AND<br>REVISE TYPO IN TITLE BLOCK |                        |                         |                    |                                                                                           |  |



41228-400-009-004 RIGHT TANK HARNESS

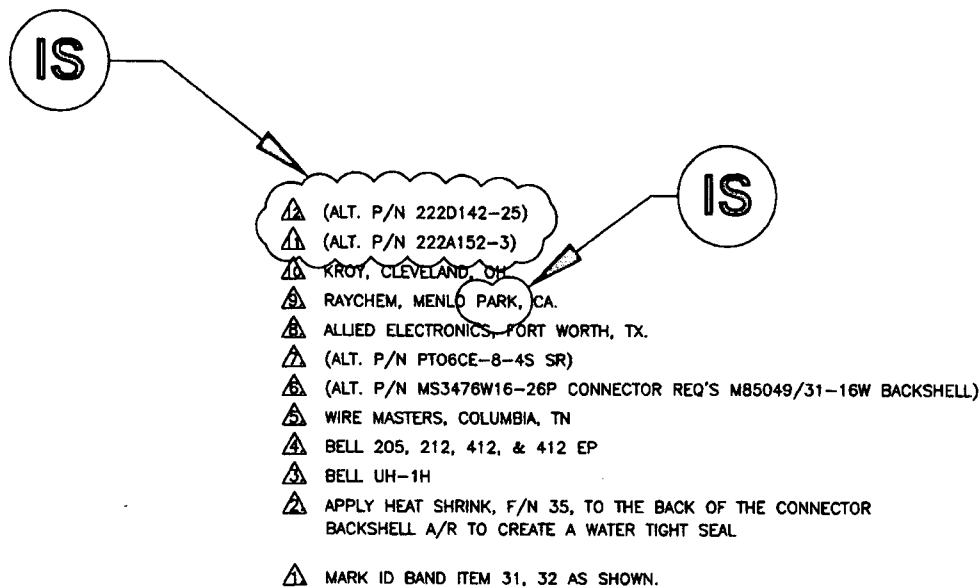
|                        |                                |
|------------------------|--------------------------------|
| ORIGINAL DATE 11-15-83 | APICAL<br>INDUSTRIES, INC.     |
| DRAWN BY T. HANVILLE   |                                |
| DESIGNED BY            | AUX FUEL ELEC.<br>WIRE HARNESS |
| CONTRACT NO.           |                                |
| ISSUED BY              | REV B                          |
| DATE                   | 07/02/83                       |
| SCALE                  | AS SHOWN                       |
| SHEET 3 of 11          |                                |

SHEET 9, ZONE C5 IS:

SHEET 3-11, ZONE D8 IS:

| F/N                 | TC | PART NUMBER | QTY | DESCRIPTION                                                                                                                                | MATERIAL                                                                                    | SPECIFICATION                                                                              |
|---------------------|----|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| DOCUMENTS EFFECTED: |    |             |     | <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

|                                                                |                                        |                                                                                  |        |                         |                |                    |                                                                                           |
|----------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------|--------|-------------------------|----------------|--------------------|-------------------------------------------------------------------------------------------|
| <b>APICAL</b><br>INDUSTRIES, INC.                              | ENGINEERING CHANGE NOTICE NO. 03032    |                                                                                  |        |                         |                | SHEET 1 OF 1       |                                                                                           |
|                                                                | DWG NO. 41228-400-009                  |                                                                                  | REV: H | PREPARED BY J. GARDINER | DATE: 01/10/11 |                    | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |
|                                                                | DWG TITLE: AUX FUEL ELEC. WIRE HARNESS |                                                                                  |        |                         |                |                    |                                                                                           |
| APPROVED BY: ENGR <i>[Signature]</i>                           |                                        | MFG <i>[Signature]</i>                                                           |        | QC <i>[Signature]</i>   |                | EFF: CURRENT ORDER |                                                                                           |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE |                                        | REASON: ADD DELTA NOTES 11 AND 12, REVISE DELTA NOTE 9 AND REVISE F/N 26 AND 34. |        |                         |                |                    |                                                                                           |



NOTE:

## SHEET 1, ZONE C1 IS:

|                                                                                                                                                                                                                                                                                                                                                                                                    |    |              |      |      |      |      |      |      |      |      |      |             |          |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------|------|------|------|------|------|------|------|------|------|-------------|----------|---------------|
| 34                                                                                                                                                                                                                                                                                                                                                                                                 | R  | 222D142-12-0 |      |      |      |      | 1    | 1    |      |      |      | BOOT        |          |               |
| 26                                                                                                                                                                                                                                                                                                                                                                                                 | R  | 222D152-3-00 | 1    | 1    |      |      | 1    | 1    | 1    | 1    | 1    | BOOT        |          |               |
| F/N                                                                                                                                                                                                                                                                                                                                                                                                | TC | PART NUMBER  | -009 | -008 | -007 | -006 | -005 | -004 | -003 | -002 | -001 | DESCRIPTION | MATERIAL | SPECIFICATION |
| QTY                                                                                                                                                                                                                                                                                                                                                                                                |    |              |      |      |      |      |      |      |      |      |      |             |          |               |
| DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |    |              |      |      |      |      |      |      |      |      |      |             |          |               |

1 2 3 4 5 6 7 8

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| REVISIONS |                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| REV       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                 | DATE     | APPROVED    |
| A         | GENERAL UPDATE                                                                                                                                                                                                                                                                                                                                                                                                                              | 02-01-94 |             |
| B         | REVISED CONNECTOR P/N ON F/D & L/M                                                                                                                                                                                                                                                                                                                                                                                                          | 05-03-94 |             |
| C         | GENERAL UPDATE                                                                                                                                                                                                                                                                                                                                                                                                                              | 07-27-94 |             |
| D         | ADDED FIND NO.5 FOR PARTS                                                                                                                                                                                                                                                                                                                                                                                                                   | 09-08-94 |             |
| E         | ADDED -004 & -005 HARNESS TO L/M & F/D<br>ADDED -006 & -007 JUMPER PLUG TO L/M & F/D<br>ADDED SHT. 9, 10 & 11                                                                                                                                                                                                                                                                                                                               | 11-22-94 |             |
| F         | INCORPORATED E.O. F-1                                                                                                                                                                                                                                                                                                                                                                                                                       | 01-23-96 | K.E. YEOMAN |
| G         | ADDED -008 ASSY; DELETED FIND #S FOR ASSY'S;<br>MOVED ITEMS 32 & 33 TO 1 & 2 MOVED 31 TO 13;<br>DELETED ITEM 34; ADDED NEW ITEM 3, 31, 32 & 33;<br>ADDED VENDOR FOR & CHANGED LENGTHS & GAUGES<br>OF WIRES; ADDED ALT P/N TO ITEM 9; REVISED NEXT ASSY;<br>ADDED A/C MODEL #S TO ASSY'S IN L/M; CHANGED<br>P/N OF ITEM 14; CHANGED ITEM 9 P/N TO ALT P/N<br>& ADDED "MS" NO; CHANGED QTY OF ITEM 11;<br>ADDED NOTE 1; ADDED ITEM 34 TO L/M. | 01-27-98 | V. HERR     |
| H         | INCORPORATED ECH 01860, 01952 & 02996                                                                                                                                                                                                                                                                                                                                                                                                       | 11-03-10 | P. BRAVER   |

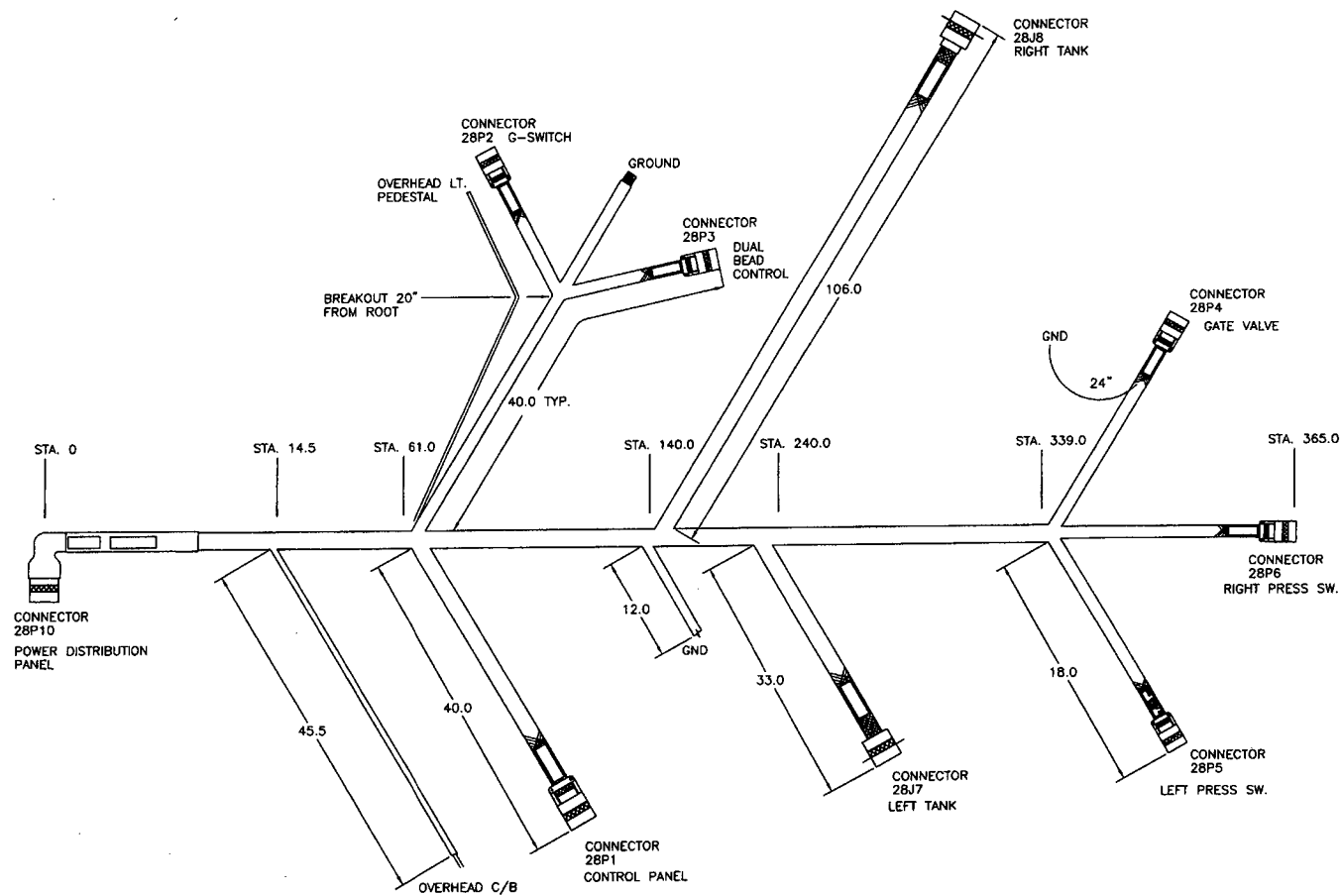
UNINCORPORATED ECN(S)

03032 03054 03103

|      |      |      |      |      |      |      |      |      |               |                              |                        |                    |      |    |
|------|------|------|------|------|------|------|------|------|---------------|------------------------------|------------------------|--------------------|------|----|
| AR   | AR   | AR   | AR   | AR   | AR   | AR   | AR   | AR   | 14            | 617-4925                     | SCOTCH 2242 VINYL TAPE |                    |      |    |
| 2    |      |      |      |      |      |      |      |      | 2             | 13                           | MS3417-14A             | BACKSHELL          |      |    |
| 50   | 16   | 16   | 16   | 16   | 16   | 16   | 16   | 50   | 12            | MS27488-20                   | MOISTURE SEAL          |                    |      |    |
|      |      |      |      |      |      |      |      |      | 11            | MS3476W16-26P                | CONNECTOR              |                    |      |    |
| 2    |      |      |      |      |      |      |      |      | 2             | 10                           | MS3470W16-26S          |                    |      |    |
| 1    |      |      |      |      |      |      |      |      | 1             | 9                            | MS3116F8-4S            |                    |      |    |
| 1    |      |      |      |      |      |      |      |      | 1             | 8                            | MS3476W14-19S          |                    |      |    |
| 1    |      |      |      |      |      |      |      |      | 1             | 7                            | MS3456W16S-1S          |                    |      |    |
| 2    |      |      |      |      |      |      |      |      | 2             | 6                            | MS3456W10SL-3S         |                    |      |    |
| 1    |      |      |      |      |      |      |      |      | 5             | MS3456W16-11S                |                        |                    |      |    |
| 2    |      |      |      |      |      |      |      |      | 2             | 4                            | MS3476W14-19P          | CONNECTOR          |      |    |
|      |      |      |      |      |      |      |      |      | 3             | MS3126E16-26P                | CONNECTOR              |                    |      |    |
| 47T  |      |      |      |      |      |      |      |      | 2             | M27500-20SM1N23              | WIRE 1 CON.            |                    |      |    |
| 2    |      |      |      |      |      |      |      |      | 2             | 1                            | MS3417-10A             | BACKSHELL          |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-009      | POMER A/F HARNESS  |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-008      | A/F HARNESS        |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-007      | LEFT JUMPER PLUG   |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-006      | RIGHT JUMPER PLUG  |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-005      | LEFT TANK HARNESS  |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-004      | RIGHT TANK HARNESS |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-003      | LEFT TANK HARNESS  |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-002      | RIGHT TANK HARNESS |      |    |
|      |      |      |      |      |      |      |      |      |               |                              | 41228-400-009-001      | A/F HARNESS        |      |    |
| -009 | -008 | -007 | -006 | -005 | -004 | -003 | -002 | -001 | FIND          | PART No.                     | DESCRIPTION            | MAT'L              | SPEC |    |
|      |      |      |      |      |      |      |      |      | QTY REQ'D     | PARTS LIST                   |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      | NEXT ASSY(S)  | ORIGINAL DATE<br>(MM-DD-YY)  | 11-15-93               |                    |      |    |
|      |      |      |      |      |      |      |      |      | 41228-400-007 | DRAWN BY                     | CHIEFEN                |                    |      |    |
|      |      |      |      |      |      |      |      |      | 41228-200-005 | T. HANVILLE                  |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      | 41228-200-004 | DRAWING APPROVAL             |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | CONTRACT NO.                 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | UNLESS OTHERWISE SPECIFIED   |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | TERMINALS ARE 6 WIRE         |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 1 PLACE TERMINAL 1 & 2       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 3 PLACE TERMINAL 3 & 4       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 4 PLACE TERMINAL 4 & 5       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 5 PLACE TERMINAL 5 & 6       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 6 PLACE TERMINAL 6 & 7       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 7 PLACE TERMINAL 7 & 8       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 8 PLACE TERMINAL 8 & 9       |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 9 PLACE TERMINAL 9 & 10      |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 10 PLACE TERMINAL 10 & 11    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 11 PLACE TERMINAL 11 & 12    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 12 PLACE TERMINAL 12 & 13    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 13 PLACE TERMINAL 13 & 14    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 14 PLACE TERMINAL 14 & 15    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 15 PLACE TERMINAL 15 & 16    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 16 PLACE TERMINAL 16 & 17    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 17 PLACE TERMINAL 17 & 18    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 18 PLACE TERMINAL 18 & 19    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 19 PLACE TERMINAL 19 & 20    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 20 PLACE TERMINAL 20 & 21    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 21 PLACE TERMINAL 21 & 22    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 22 PLACE TERMINAL 22 & 23    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 23 PLACE TERMINAL 23 & 24    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 24 PLACE TERMINAL 24 & 25    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 25 PLACE TERMINAL 25 & 26    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 26 PLACE TERMINAL 26 & 27    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 27 PLACE TERMINAL 27 & 28    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 28 PLACE TERMINAL 28 & 29    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 29 PLACE TERMINAL 29 & 30    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 30 PLACE TERMINAL 30 & 31    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 31 PLACE TERMINAL 31 & 32    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 32 PLACE TERMINAL 32 & 33    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 33 PLACE TERMINAL 33 & 34    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 34 PLACE TERMINAL 34 & 35    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 35 PLACE TERMINAL 35 & 36    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 36 PLACE TERMINAL 36 & 37    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 37 PLACE TERMINAL 37 & 38    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 38 PLACE TERMINAL 38 & 39    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 39 PLACE TERMINAL 39 & 40    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 40 PLACE TERMINAL 40 & 41    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 41 PLACE TERMINAL 41 & 42    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 42 PLACE TERMINAL 42 & 43    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 43 PLACE TERMINAL 43 & 44    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 44 PLACE TERMINAL 44 & 45    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 45 PLACE TERMINAL 45 & 46    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 46 PLACE TERMINAL 46 & 47    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 47 PLACE TERMINAL 47 & 48    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 48 PLACE TERMINAL 48 & 49    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 49 PLACE TERMINAL 49 & 50    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 50 PLACE TERMINAL 50 & 51    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 51 PLACE TERMINAL 51 & 52    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 52 PLACE TERMINAL 52 & 53    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 53 PLACE TERMINAL 53 & 54    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 54 PLACE TERMINAL 54 & 55    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 55 PLACE TERMINAL 55 & 56    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 56 PLACE TERMINAL 56 & 57    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 57 PLACE TERMINAL 57 & 58    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 58 PLACE TERMINAL 58 & 59    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 59 PLACE TERMINAL 59 & 60    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 60 PLACE TERMINAL 60 & 61    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 61 PLACE TERMINAL 61 & 62    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 62 PLACE TERMINAL 62 & 63    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 63 PLACE TERMINAL 63 & 64    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 64 PLACE TERMINAL 64 & 65    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 65 PLACE TERMINAL 65 & 66    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 66 PLACE TERMINAL 66 & 67    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 67 PLACE TERMINAL 67 & 68    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 68 PLACE TERMINAL 68 & 69    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 69 PLACE TERMINAL 69 & 70    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 70 PLACE TERMINAL 70 & 71    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 71 PLACE TERMINAL 71 & 72    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 72 PLACE TERMINAL 72 & 73    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 73 PLACE TERMINAL 73 & 74    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 74 PLACE TERMINAL 74 & 75    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 75 PLACE TERMINAL 75 & 76    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 76 PLACE TERMINAL 76 & 77    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 77 PLACE TERMINAL 77 & 78    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 78 PLACE TERMINAL 78 & 79    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 79 PLACE TERMINAL 79 & 80    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 80 PLACE TERMINAL 80 & 81    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 81 PLACE TERMINAL 81 & 82    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 82 PLACE TERMINAL 82 & 83    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 83 PLACE TERMINAL 83 & 84    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 84 PLACE TERMINAL 84 & 85    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 85 PLACE TERMINAL 85 & 86    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 86 PLACE TERMINAL 86 & 87    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 87 PLACE TERMINAL 87 & 88    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 88 PLACE TERMINAL 88 & 89    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 89 PLACE TERMINAL 89 & 90    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 90 PLACE TERMINAL 90 & 91    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 91 PLACE TERMINAL 91 & 92    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 92 PLACE TERMINAL 92 & 93    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 93 PLACE TERMINAL 93 & 94    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 94 PLACE TERMINAL 94 & 95    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 95 PLACE TERMINAL 95 & 96    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 96 PLACE TERMINAL 96 & 97    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 97 PLACE TERMINAL 97 & 98    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 98 PLACE TERMINAL 98 & 99    |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 99 PLACE TERMINAL 99 & 100   |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 100 PLACE TERMINAL 100 & 101 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 101 PLACE TERMINAL 101 & 102 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 102 PLACE TERMINAL 102 & 103 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 103 PLACE TERMINAL 103 & 104 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 104 PLACE TERMINAL 104 & 105 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 105 PLACE TERMINAL 105 & 106 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 106 PLACE TERMINAL 106 & 107 |                        |                    |      |    |
|      |      |      |      |      |      |      |      |      |               | 107 PLACE TERMINAL 107 & 108 |                        |                    |      | </ |

|                                              | A/R      | A/R   | A/R | A/R                                                                                                                                                                                               | PART No. | DESCRIPTION       | MAT'L                  | SPEC              |     |
|----------------------------------------------|----------|-------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|------------------------|-------------------|-----|
|                                              |          |       |     |                                                                                                                                                                                                   | 35       | ESP3001/2"BK      | HEAT SHRINK (3M)       | △ △               |     |
|                                              |          |       |     |                                                                                                                                                                                                   | 34       | 222D142-12-0      | BOOT                   | △                 |     |
|                                              |          |       |     |                                                                                                                                                                                                   | 1 33     | D-436-38          | MINISEAL               | △                 |     |
| 1                                            | 7        |       | 1   | 1                                                                                                                                                                                                 | 1 7      | 32                | 2470041                | HEAT SHRINK LABEL | △ △ |
|                                              | 7        | 1     | 1   |                                                                                                                                                                                                   | 7 31     | 2470031           | HEAT SHRINK LABEL      | △ △               |     |
|                                              | 3        |       |     |                                                                                                                                                                                                   | 3 30     | M85049/52-1-16W   | BACKSHELL              |                   |     |
|                                              |          |       |     |                                                                                                                                                                                                   | 29       |                   | DELETED                |                   |     |
|                                              | 1        |       |     |                                                                                                                                                                                                   | 1 28     | M85049/60-2G14W   | BACKSHELL              |                   |     |
| 1                                            |          |       | 1   | 1                                                                                                                                                                                                 | 1 27     | M85049/60-2G16W   | BACKSHELL              |                   |     |
| 1                                            | 1        |       | 1   | 1                                                                                                                                                                                                 | 1 26     | 222D152-3-00      | BOOT                   | △                 |     |
| 6"                                           |          | ⊙ A/R | A/R |                                                                                                                                                                                                   | 25       | MIL-LT-1/4        | TUBING THERMOFIT       | △                 |     |
| 12"                                          |          | 45°   | 45° | 45°                                                                                                                                                                                               | 24       | MIL-LT-3/8        | TUBING THERMOFIT       | △                 |     |
| 1" 12"                                       |          | 25°   | 25° | 25°                                                                                                                                                                                               | 23       | RT375-3/8         | CLEAR TUBING THERMOFIT | △                 |     |
| 4.5"                                         |          |       |     |                                                                                                                                                                                                   | 22       | RT375-1/4         | CLEAR TUBING THERMOFIT | △                 |     |
| 55"                                          |          |       |     |                                                                                                                                                                                                   | 21       | M22759/41-12-9    | WIRE                   | △                 |     |
| 59'                                          |          |       |     |                                                                                                                                                                                                   | 20       | M22759/41-22-9    | WIRE                   | △                 |     |
| 62' 34"                                      | 34"      | 74"   | 74" | 38'                                                                                                                                                                                               | 19       | M22759/41-20-9    | WIRE                   | △                 |     |
| 52"                                          |          |       |     |                                                                                                                                                                                                   | 18       | XPF-38B-FR        | CHAFE SLEEVE           | △                 |     |
| 24"                                          |          |       |     |                                                                                                                                                                                                   | 17       | XPF-14B-FR        | CHAFE SLEEVE           | △                 |     |
| 4                                            |          | 1     | 1   | 1                                                                                                                                                                                                 | 16       | S02-02-R          | SOLDER SLEEVE          | △                 |     |
| 4                                            |          |       |     |                                                                                                                                                                                                   | 15       | D-436-37          | MINISEAL               | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-009 | POWER A/F HARNESS      | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-008 | A/F HARNESS            | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-007 | LEFT JUMPER PLUG       | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-006 | RIGHT JUMPER PLUG      | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-005 | LEFT TANK HARNESS      | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-004 | RIGHT TANK HARNESS     | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-003 | LEFT TANK HARNESS      | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-002 | RIGHT TANK HARNESS     | △                 |     |
| ×                                            |          |       |     |                                                                                                                                                                                                   |          | 41228-400-009-001 | A/F HARNESS            | △                 |     |
| -009 -008 -007 -006 -005 -004 -003 -002 -001 | FIND NO. |       |     | PART No.                                                                                                                                                                                          |          | DESCRIPTION       |                        | MAT'L SPEC        |     |
| QTY REQ'D                                    |          |       |     | PARTS LIST                                                                                                                                                                                        |          |                   |                        |                   |     |
| NEXT ASSY(S)                                 |          |       |     | ORIGINAL DATE<br>DRAWN BY<br>CHECKED<br>DRAWING APPROVAL<br>CONTRACT NO.<br><br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>FRACTIONS OF 1/16"<br>PLACES SHOWN TO .001 UNLESS NOTED |          |                   |                        |                   |     |
|                                              |          |       |     | <b>APICAL INDUSTRIES, INC.</b><br>AUX FUEL ELEC. WIRE HARNESS<br>SCALE NONE SHEET 2 OF 11                                                                                                         |          |                   |                        |                   |     |
|                                              |          |       |     | SIZE CASE CODE Dwg. No. REV<br>B 07426 41228-400-009 H                                                                                                                                            |          |                   |                        |                   |     |

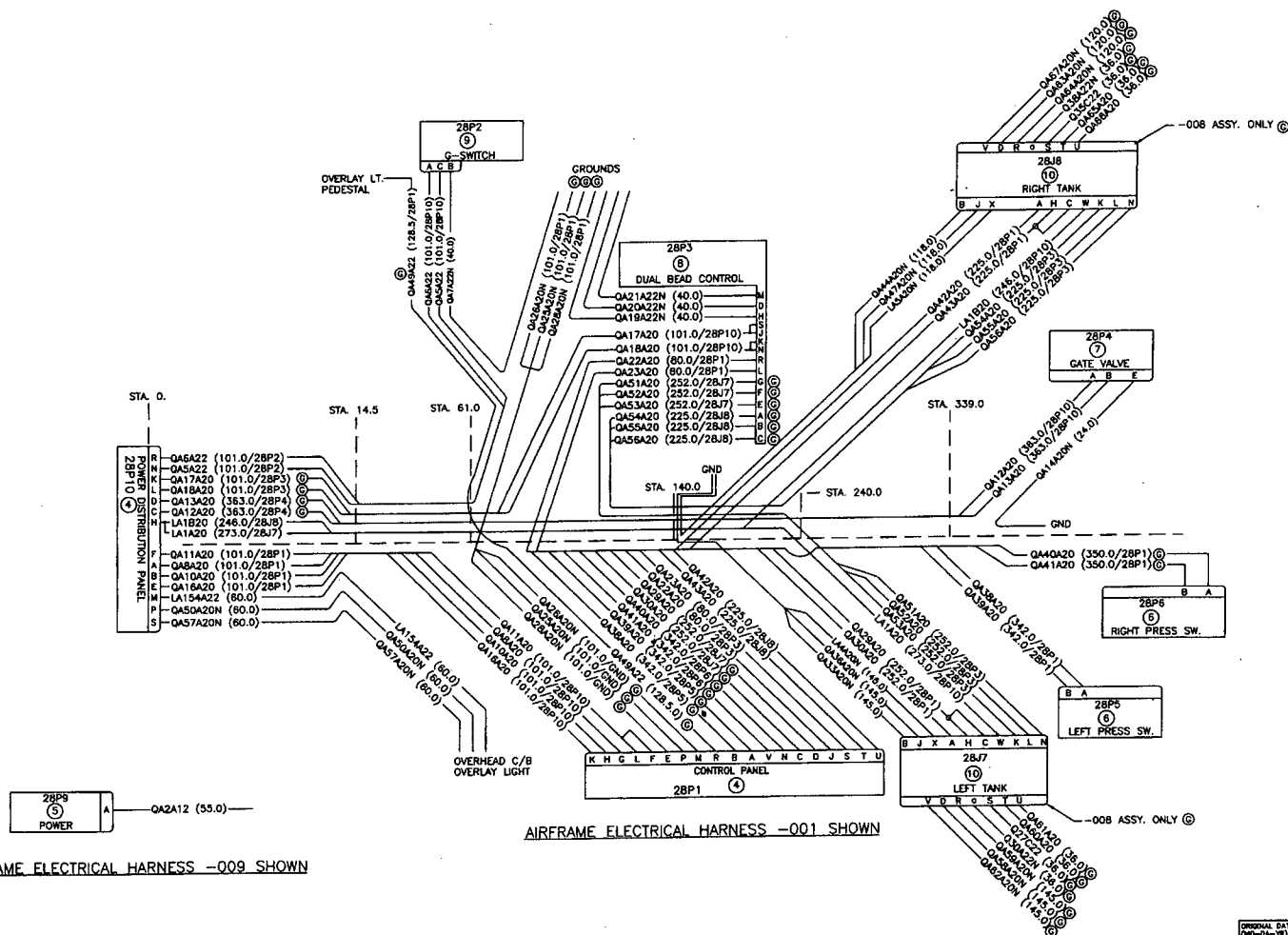
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|------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| ORIGINAL DATE<br>(DD-MMM-YY) | 11-15-83    |                                                                                                                                                           | <b>AUX FUEL ELC.<br/>WIRE HARNESS</b>            |
| DRAWN BY                     | T. HARVILLE |                                                                                                                                                           |                                                  |
| ENGINEERING APPROVAL         |             |                                                                                                                                                           |                                                  |
| CONTRACT NO.                 |             | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ON<br>1 PLACE DECIMALS ± .01<br>2 PLACES DECIMALS ± .005<br>3 PLACES DECIMALS ± .001 | SIZE CASE CODE DWG. NO.<br>B 07M28 41228-400-009 |
| SCALE                        |             | NONE                                                                                                                                                      | SHEET 3 OF 11<br>REV H                           |



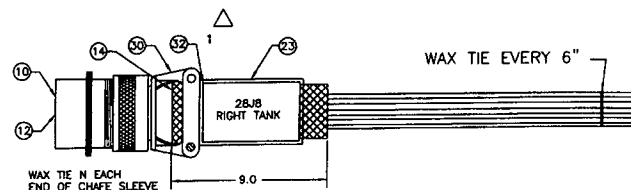
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



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| ORIGINAL DATE<br>11-15-93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <br><b>AUX FUEL ELC. WIRE HARNESS</b>   |
| DRAWN BY<br>Y. HARMILLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| DRAWING APPROVAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| CONTRACT NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SIZE CASE CODE<br>B 07M28 41228-400-009 |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 1 7/8, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 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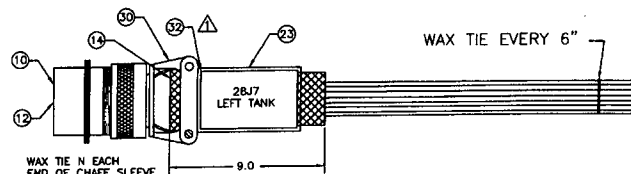
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|      |    |                  |    |
|------|----|------------------|----|
| 28J8 | 16 | LA1B20 (246.0)   | 19 |
| W    |    | QA42A20 (225.0)  | 19 |
| H    |    | QA43A20 (225.0)  | 2  |
| C    |    |                  |    |
| K    |    | QA54A20 (225.0)  | 19 |
| L    |    | QA55A20 (225.0)  | 19 |
| N    |    | QA56A20 (225.0)  | 19 |
| B    |    | QA44A20N (118.0) | 19 |
| J    |    | QA47A20N (118.0) | 19 |
| X    |    | LA5A20N (118.0)  | 19 |



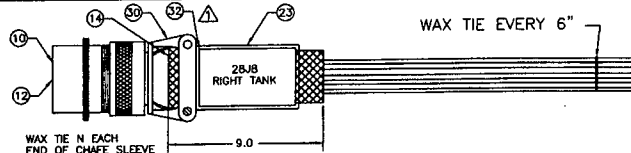
CONNECTOR 28J8 RIGHT TANK A/F HARNESS  
-001 ASSY

|      |    |                  |    |
|------|----|------------------|----|
| 28J7 | 16 | QA51A20 (252.0)  | 19 |
| N    |    | QA52A20 (252.0)  | 19 |
| L    |    | QA53A20 (252.0)  | 19 |
| K    |    | QA29A20 (252.0)  | 2  |
| H    |    |                  |    |
| C    |    | QA30A20 (252.0)  | 19 |
| A    |    | QA33A20N (145.0) | 19 |
| B    |    | QA36A20N (145.0) | 19 |
| J    |    | LA4A20N (145.0)  | 19 |
| X    |    | LA1A20 (273.0)   | 19 |
| W    |    |                  |    |



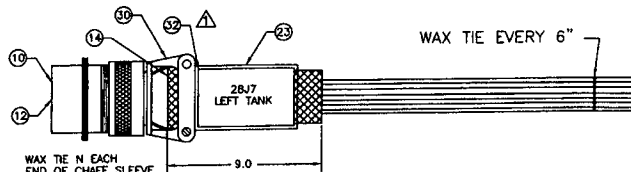
CONNECTOR 28J7 LEFT TANK A/F HARNESS  
-001 ASSY

|      |    |                  |    |
|------|----|------------------|----|
| 28J8 | 16 | LA1B20 (246.0)   | 19 |
| W    |    | QA42A20 (225.0)  | 19 |
| H    |    | QA43A20 (225.0)  | 2  |
| C    |    |                  |    |
| K    |    | QA54A20 (225.0)  | 19 |
| L    |    | QA55A20 (225.0)  | 19 |
| N    |    | QA56A20 (225.0)  | 19 |
| B    |    | QA44A20N (118.0) | 19 |
| J    |    | QA47A20N (118.0) | 19 |
| X    |    | LA5A20N (118.0)  | 19 |
| V    |    | QA67A20N (120.0) | 19 |
| D    |    | QA63A20N (120.0) | 19 |
| R    |    | QA64A20N (120.0) | 19 |
| Q    |    | Q38A22N (36.0)   | 20 |
| S    |    | Q35C22 (36.0)    | 20 |
| T    |    | QA65A20 (36.0)   | 19 |
| U    |    | QA66A20 (36.0)   | 19 |



CONNECTOR 28J8 RIGHT TANK A/F HARNESS  
-008 ASSY

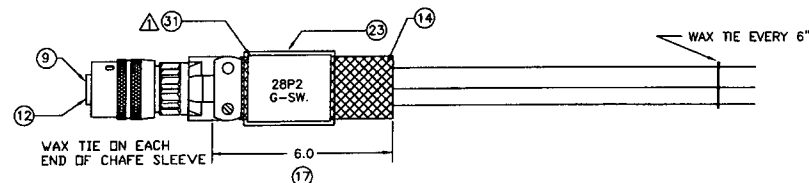
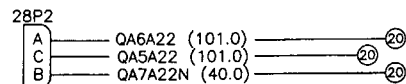
|      |    |                  |    |
|------|----|------------------|----|
| 28J7 | 16 | QA51A20 (252.0)  | 19 |
| N    |    | QA52A20 (252.0)  | 19 |
| L    |    | QA53A20 (252.0)  | 19 |
| K    |    | QA29A20 (252.0)  | 2  |
| H    |    |                  |    |
| C    |    | QA30A20 (252.0)  | 19 |
| A    |    | QA33A20N (145.0) | 19 |
| B    |    | QA36A20N (145.0) | 19 |
| J    |    | LA4A20N (145.0)  | 19 |
| X    |    | LA1A20 (273.0)   | 19 |
| V    |    | QA52A20N (145.0) | 19 |
| D    |    | QA58A20N (145.0) | 19 |
| R    |    | QA59A20N (145.0) | 19 |
| Q    |    | Q30A22N (36.0)   | 20 |
| S    |    | Q27C22 (36.0)    | 20 |
| T    |    | QA60A20 (36.0)   | 19 |
| U    |    | QA61A20 (36.0)   | 19 |



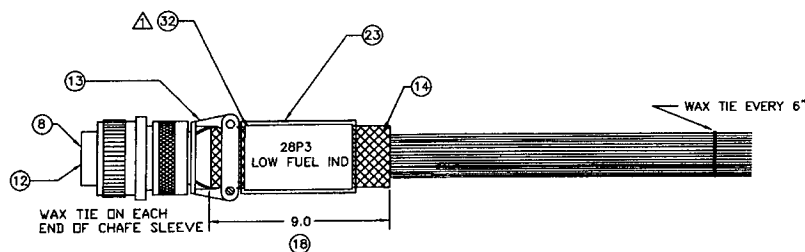
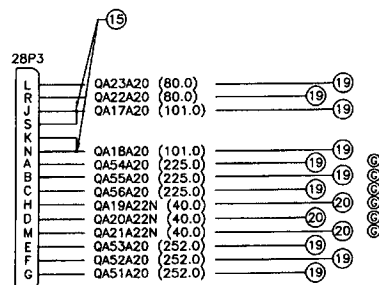
CONNECTOR 28J7 LEFT TANK A/F HARNESS  
-008 ASSY

|                                                                                                               |                            |                                                                                           |
|---------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------|
| ORIGINAL DATE<br>11-15-63                                                                                     | DESIGNED BY<br>T. HARVILLE | APICAL INDUSTRIES, INC.<br>2000 N. 10TH AVE. SUITE 100<br>DENVER, CO 80202 (303) 733-4000 |
| DRAWING APPROVAL                                                                                              | CONTRACT NO.               | AUX FUEL ELC. WIRE HARNESS                                                                |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ON<br>FRACTIONS ± .01<br>DECIMALS ± .005 | SIZE<br>B                  | CAGE CODE<br>41228-400-009                                                                |
| SCALE<br>NONE                                                                                                 | DATE<br>07/14/80           | REV<br>H                                                                                  |
| SHEET 5 OF 11                                                                                                 |                            |                                                                                           |

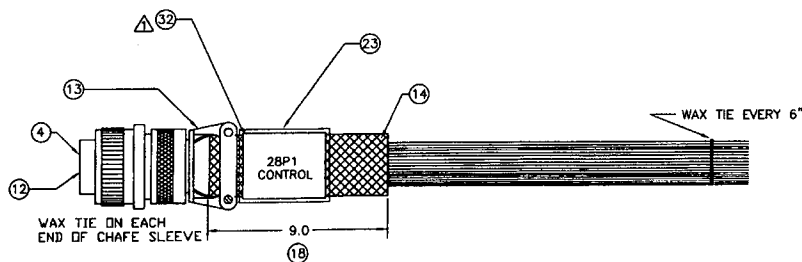
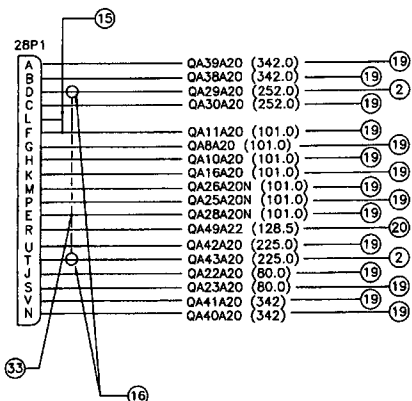
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CONNECTOR 28P2 G-SWITCH A/F HARNESS



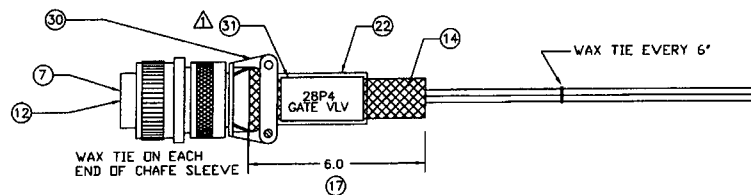
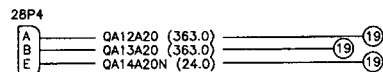
CONNECTOR 28P3 LOW FUEL IND. A/F HARNESS



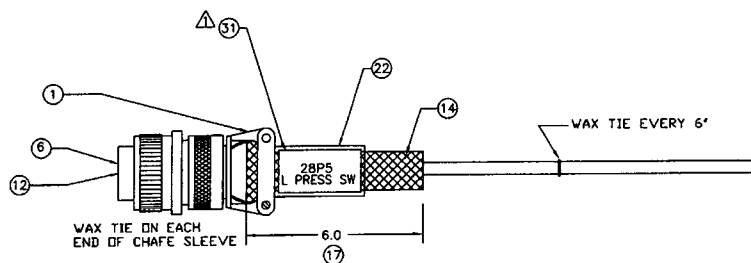
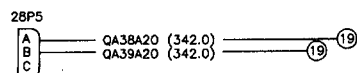
CONNECTOR 28P1 CONTROL PANEL A/F HARNESS

|                             |             |                                                               |
|-----------------------------|-------------|---------------------------------------------------------------|
| ORIGINAL DATE<br>(DD-MM-YY) | 11-15-03    |                                                               |
| DRAWN BY                    | T. HARVILLE |                                                               |
| DRAWING APPROVAL            |             | <p>AUX FUEL ELC.<br/>WIRE HARNESS</p>                         |
| CONTRACT NO.                |             |                                                               |
| UNLESS OTHERWISE SPECIFIED  |             | <p>SIZE CASE CODE (Dwg. No.)</p> <p>B 07426 41228-400-009</p> |
| EXCEPTING ARE IN INCHES     |             | <p>SCALE NONE</p>                                             |
| TECHNICAL                   |             | <p>REV H</p>                                                  |
| 3 PLACE DECIMALS & .00      |             | <p>SHEET 6 OF 11</p>                                          |

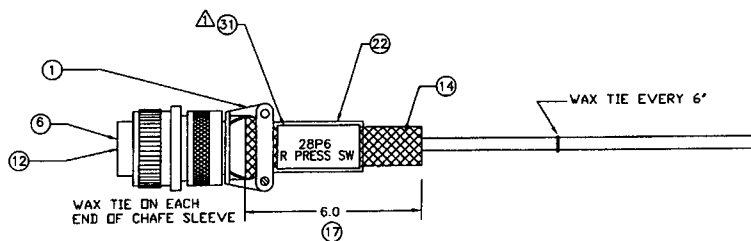
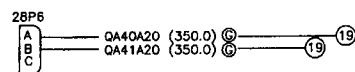
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CONNECTOR 28P4 GATE VALVE A/F HARNESS



CONNECTOR 28P5 LEFT PRESS SW. A/F HARNESS

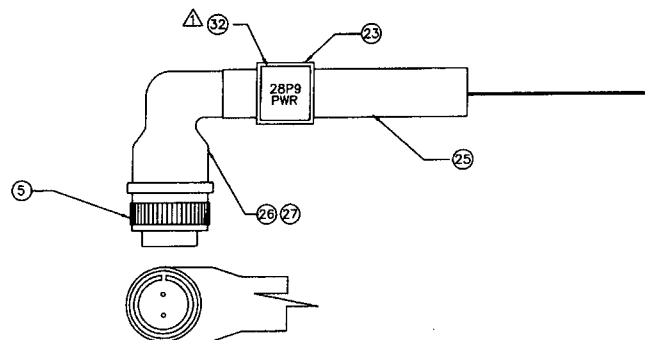


CONNECTOR 28P6 RIGHT PRESS SW. A/F HARNESS

|                             |             |                                                                                           |                            |               |               |
|-----------------------------|-------------|-------------------------------------------------------------------------------------------|----------------------------|---------------|---------------|
| ORIGINAL DATE<br>(DD-MM-YY) | 11-15-83    | <br>APICAL INDUSTRIES, INC.<br>1000 S.W. 10TH AVE.<br>MIAMI, FL 33135-1000 (305) 359-4000 | AUX FUEL ELC. WIRE HARNESS |               |               |
| DRAWN BY                    | T. HARVILLE |                                                                                           | SIZE                       | B             | REV           |
| DRAWING APPROVAL            |             |                                                                                           | DATE CODE                  | 07/02/86      | 41228-400-009 |
| CONTRACT NO.                |             | SCALE                                                                                     | NONE                       | SHEET 7 of 11 |               |

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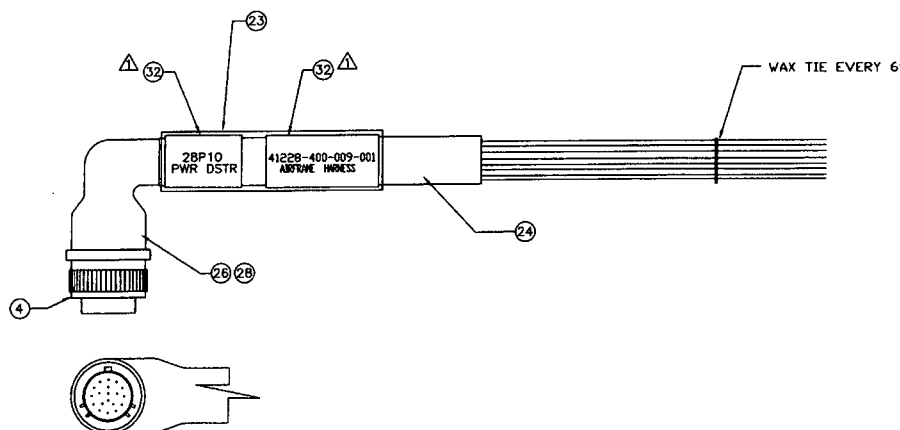
28P9  
A QA2A12 (55.0) (21)



41228-400-009 CONNECTOR 28P9 POWER A/F HARNESS

28P10 (15)

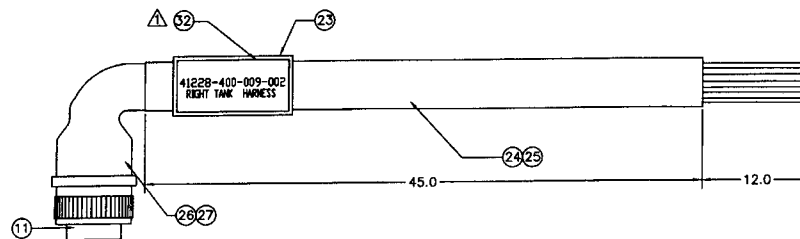
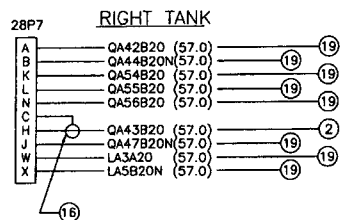
|   |                 |          |
|---|-----------------|----------|
| M | LA154A22 (60.0) | (20) (6) |
| F | QA11A20 (101.0) | (19)     |
| A | QA8A20 (101.0)  | (19)     |
| B | QA10A20 (101.0) | (19)     |
| E | QA16A20 (101.0) | (19)     |
| K | QA17A20 (101.0) | (19)     |
| L | QA18A20 (101.0) | (19)     |
| H | LA1A20 (273.0)  | (19)     |
| D | LA1B20 (246.0)  | (19)     |
| C | QA13A20 (363.0) | (19)     |
| N | QA12A20 (363.0) | (20)     |
| R | QA5A22 (101.0)  | (19)     |
| P | QA50A20N (60.0) | (19)     |
| S | QA57A20N (60.0) | (19)     |



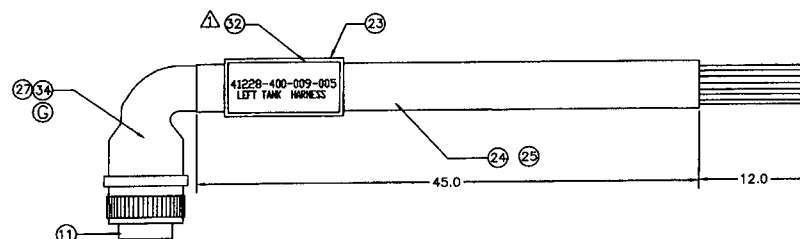
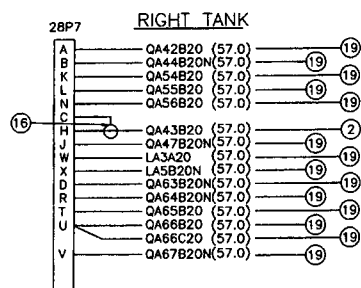
CONNECTOR 28P10 POWER DISTRIBUTION PANEL A/F HARNESS

|                            |                         |                     |                            |               |
|----------------------------|-------------------------|---------------------|----------------------------|---------------|
| ORIGINAL DATE<br>11-15-83  | APICAL INDUSTRIES, INC. |                     | AUX FUEL ELC. WIRE HARNESS | REV<br>H      |
| DESIGNED BY<br>T. HANVILLE | CONTRACT NO.            |                     |                            |               |
| DRAWING APPROVAL           | SIZE<br>B               | CAGE CODE<br>07M426 | FIG. NO.<br>41228-400-009  | SCALE<br>NONE |
| SHEET 8 of 11              |                         |                     |                            |               |

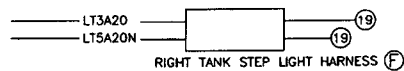
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41228-400-009-002 RIGHT TANK HARNESS



41228-400-009-004 RIGHT TANK HARNESS



RIGHT TANK STEP LIGHT HARNESS (F)

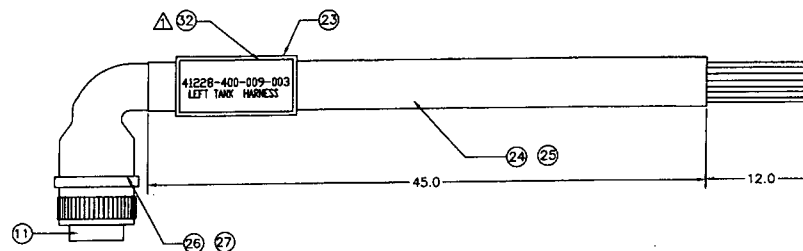
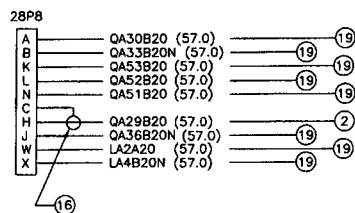


RIGHT TANK AFT SUMP DRAIN HARNESS (F)

|                                                                                             |                                                                                           |                     |          |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------|----------|
| ORIGINAL DATE<br>(DD-MMM-YY)<br>11-15-83                                                    | <br>10000 W. 100th St., Overland Park, KS 66210-1000<br>(913) 666-1000 FAX (913) 666-1001 |                     |          |
| DESIGNED BY<br>T. HARVILLE                                                                  |                                                                                           |                     |          |
| DETAILED APPROVAL                                                                           | AUX FUEL ELC. WIRE HARNESS                                                                |                     |          |
| CONTRACT NO.                                                                                | 41228-400-009                                                                             |                     |          |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>1 POUND PER SQUARE INCH<br>WELDED | SIZE<br>B                                                                                 | CAGE CODE<br>07N228 | REV<br>H |
| SCALE<br>NONE                                                                               | SHEET 9 of 11                                                                             |                     |          |

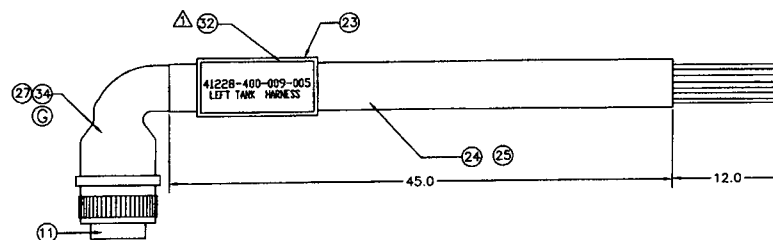
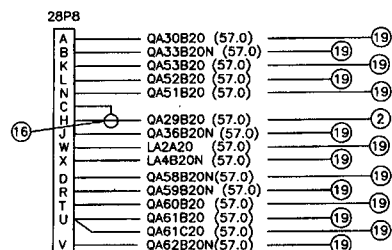
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### LEFT TANK

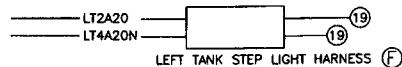


41228-400-009-003 LEFT TANK HARNESS

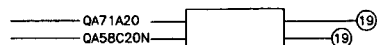
### LEFT TANK



41228-400-009-005 LEFT TANK HARNESS



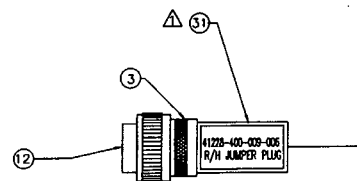
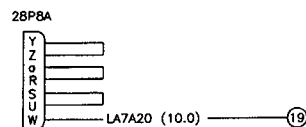
LEFT TANK STEP LIGHT HARNESS (F)



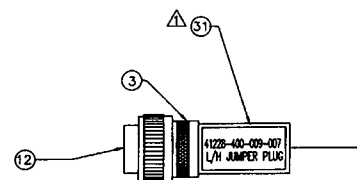
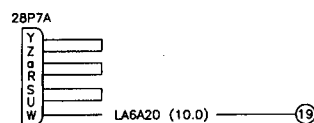
LEFT TANK AFT SUMP DRAIN HARNESS (F)

|                            |                    |                            |          |
|----------------------------|--------------------|----------------------------|----------|
| ORIGINAL DATE<br>11-15-93  |                    | DESIGNED BY<br>T. HARVILLE |          |
| DRAWING APPROVAL           |                    | CONTRACT NO.               |          |
| UNLESS OTHERWISE SPECIFIED |                    | SCALE NONE                 |          |
| SIZE<br>B                  | CAGE CODE<br>07N26 | DWG. NO.<br>41228-400-009  | REV<br>H |
| APICAL INDUSTRIES, INC.    |                    | SHEET 10 of 11             |          |

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41228-400-009-006 R/H JUMPER PLUG



41228-400-009-007 L/H JUMPER PLUG

|                                                                                                                                               |  |                                                                                               |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|----------|
| ORIGINAL DATE 11-15-83<br>(HD-04-15)                                                                                                          |  | <br><small>APICAL INDUSTRIES, INC. 10000 N. 10TH AVE. SUITE 100 DENVER, CO 80231-1000</small> |          |
| DRAWN BY T. HARVILLE<br>CHECKED<br>DRAWING APPROVAL                                                                                           |  |                                                                                               |          |
| CONTRACT NO.                                                                                                                                  |  | AUX FUEL ELC. WIRE HARNESS                                                                    |          |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>3 PLACE DECIMALS ± .010<br>2 PLACE DECIMALS ± .020<br>ANGLES 90° |  | SIZE CASE CODE DWG. NO.<br>B 07428 41228-400-009                                              | REV<br>H |
| SCALE NONE                                                                                                                                    |  | SHEET 11 of 11                                                                                |          |





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO28044

Purchase Order Date 4/8/2015

PO Print Date 4/8/2015

Page Number 1 of 5

Order From :

VU-POS001

Ship To : DART AEROSPACE LTD

POSITRONIC INDUSTRIES INC.  
423 N CAMPBELL AVE  
SPRINGFIELD, MO 65806  
USA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Buyer

Chantal Lavoie

Vendor Phone

Customer POID

Ship To Contact

Customer Tax #

10127-2607

Ship To Phone

Terms

Net 30

Ship Via:

FedEx Overnight collect

Currency

USD

Ship Acct:

FOB

FCA - (Free Carrier)

| Line Nbr | Reference<br>Vendor Part Number<br>Line Comments<br>Delivery Comments                                    | Description/<br>Mfg ID | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price | Extended<br>Price |
|----------|----------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------|----|--------------------------------|---------------|-------------------|
| 1        | 41228-400-009-001P ✓<br><br>AS PER DWG 41228-400-009-001 REV. H<br>B131269<br>POSITRONIC P/N: CC4070-V01 | Harness A/F            | 6/19/2015<br>Yes<br>6/19/2015        | FN | 1.00 ✓<br>Each                 | \$1,227.64    | \$1,227.64        |
|          |                                                                                                          |                        |                                      |    |                                | Line Total:   | \$1,227.64        |
| 2        | 41228-400-009-001P ✓<br><br>AS PER DWG 41228-400-009-001 REV. H<br>B131281<br>POSITRONIC P/N: CC4070-V01 | Harness A/F            | 7/15/2015<br>Yes<br>7/15/2015        | FN | 2.00<br>Each                   | \$1,227.64    | \$2,455.28        |
|          |                                                                                                          |                        |                                      |    |                                | Line Total:   | \$2,455.28        |

Note:

4/8/2015

Positronic Industries Caribe, Inc.  
101 Carr #591  
Ponce, 00728  
PR

Phone: 1 (763) 315-5300

## EXPORT PACKING LIST

DART AERO  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7  
CA

DART AERO  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7  
CA

S  
H  
I  
P  
T  
O

| Order #          | Line | P.O.    | Qty Shipped              | Part Number       | Description             |
|------------------|------|---------|--------------------------|-------------------|-------------------------|
| Case ID: 0036096 |      |         | Dimensions: 14 x 14 x 21 |                   | Case Weight: 15LBS 7Kgs |
| 26384            | 1    | PO28044 | 2                        | CC4070-V01        | 41228-400-009-001       |
|                  |      |         |                          | Unit Price:       | \$1,227.64              |
|                  |      |         |                          | Item Total Value: | \$2,455.28              |
| 26384            | 2    | PO28044 | 2                        | CC4070-V04        | 41228-400-009-004       |
|                  |      |         |                          | Unit Price:       | \$615.52                |
|                  |      |         |                          | Item Total Value: | \$1,231.04              |
| 26384            | 3    | PO28044 | 2                        | CC4070-V05        | 41228-400-009-005       |
|                  |      |         |                          | Unit Price:       | \$629.39                |
|                  |      |         |                          | Item Total Value: | \$1,258.78              |
| 26384            | 4    | PO28044 | 2                        | CC4070-V09        | 41228-400-009-009       |
|                  |      |         |                          | Unit Price:       | \$310.42                |
|                  |      |         |                          | Item Total Value: | \$620.84                |

#/Cartons: 1

TOTAL: 15.00 Lbs

6.80 Kgs

Total Shipment Value:

**5,565.94**

*SP16-03-3.*



# Positronic®

www.connectpositronic.com

global connector solutions®

Positronic Industries Caribe, Inc.

101 ROAD #591

EL TUQUE INDUSTRIAL PARK

PONCE Puerto Rico 00728-0920

Puerto Rico

Phone: 787-841-0920 Fax: 787-841-5345

An ISO 9001  
SAE AS9100  
Certified  
Company

## Packing Slip

Cage Code: 54YW5

Page: 1 of 3

### Ship To:

DART AERO  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Phone: 613-632-5200

Fax: 613-632-1053

DBATES@DARTAERO.COM

### Sold To:

Chantal Lavoie  
DART AERO  
1270 ABERDEEN ST.  
ATTN: ACCOUNTS PAYABLE  
HAWKESBURY ON. K6A 1K7  
Canada

Phone: 613-632-5200

Fax: 613-632-1053

DBATES@DARTAERO.COM

Ship Date: 3/2/2016

F.O.B.: FOB SHIPPING POINT

CustID: 22558

Ship Via: FedEx Intl Priority

Incoterms® 2010: EXW Ponce, PR

ITN #: X20160302320359

Carrier: Federal Express

Waybill #: 782505336655

**Pack Slip:**  
58318



**Salesperson**  
Brandon Bellanti

Terms: Net 30 Days

P.O. #

PO28044



S.O. #

26384



SHIPPING TO CANADA-CANADA CUSTOMS/NAFTA DOCUMENTS REQUIRED

| Line\Rel                                                                            | Part Number                                                                                                            | Rev | Planned Qty   | Shipped Qty | Back Order Qty                                                                        | UOM |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----|---------------|-------------|---------------------------------------------------------------------------------------|-----|
| 1 \ 2                                                                               | CC4070-V01<br><br>41228-400-009-001 | 1   | 2.0000        | 2.0000      |                                                                                       | EA  |
| <b>Manufacturer:</b> Positronic Industries Caribe, Inc.                             |                                                                                                                        |     |               |             |                                                                                       |     |
| <u>PO Line</u>                                                                      | <u>Customer Part \ Rev.</u>                                                                                            |     |               |             |                                                                                       |     |
| 1-2                                                                                 | 41228-400-009-001 \ H                                                                                                  |     |               |             |                                                                                       |     |
|  |                                     |     |               |             |                                                                                       |     |
|                                                                                     | <u>HTS #</u>                                                                                                           |     | <u>ECCN #</u> |             |                                                                                       |     |
|                                                                                     | 8538908040                                                                                                             |     | EAR99         |             |                                                                                       |     |
| <u>Lot Number</u>                                                                   | <u>Country of Origin</u>                                                                                               |     |               |             | <u>Lot Qty</u>                                                                        |     |
| 02026384-1-2                                                                        | US                                                                                                                     |     |               |             | 2.0000                                                                                |     |
|  |                                     |     |               |             |  |     |
| D/C 06/16                                                                           |                                                                                                                        |     |               |             |                                                                                       |     |
| 2 \ 2                                                                               | CC4070-V04                                                                                                             | 1   | 2.0000        | 2.0000      |                                                                                       | EA  |

3/2/2016 3:57:59PM

# COMMERCIAL INVOICE

Positronic Industries Caribe, Inc.  
101 Carr #591  
Ponce, 00728  
PR

INCO Terms: Ex Works

Ship Via: Federal Express

Currency: USD

Invoice #: 29,616

Invoice Date: 03/02/16

Waybill Number 782505336655

ITN Number X20160302320359  
Unit Value

Page 1 of 1

DART AERO  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7  
CA

S  
H  
I  
P  
T  
O  
DART AERO  
1270 Aberdeen St  
Hawkesbury, ON K6A 1K7  
CA

| HTS          | Description                               | Country of Origin | Qty Shipped | Unit Price | Extended Price |
|--------------|-------------------------------------------|-------------------|-------------|------------|----------------|
| 8538.90.8040 | Part for use with elect connector 1kV max | US                | 8           | 695.74250  | 5,565.94       |

Reference: PO28044,

2016-03-3

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE U.S. IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS FOR ULTIMATE DESTINATION US. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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Order Total  
Sales Tax/VAT 0.00  
**TOTAL INVOICE 5,565.94**

DEPARTMENT OF THE TREASURY  
UNITED STATES CUSTOMS SERVICE

NORTH AMERICAN FREE TRADE AGREEMENT  
CERTIFICATE OF ORIGIN

19 CFR 181.11, 181.22

Shipment ID: 782505336655

|                                                                                                           |  |                                                                                                                             |  |
|-----------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|
| 1. EXPORTER NAME AND ADDRESS<br>Positronic Industries Caribe, Inc.<br>101 Carr #591<br>Ponce, 00728<br>PR |  | 2. BLANKET PERIOD (MM/DD/YY)<br><br>FROM 01/01/16<br><br>TO 12/31/16                                                        |  |
| 3. PRODUCER NAME AND ADDRESS<br><br>Same as Shipper<br><br>TAX IDENTIFICATION NUMBER:                     |  | 4. IMPORTER NAME AND ADDRESS<br>DART AERO<br>1270 Aberdeen St<br>Hawkesbury, ON K6A 1K7<br>CA<br>TAX IDENTIFICATION NUMBER: |  |

| 5.<br>DESCRIPTION OF GOODS                         | 6.<br>HS TARIFF<br>CLASSIFICATION<br>NUMBER | 7.<br>PREFERENC<br>E<br>CRITERION | 8.<br>PRODUCER | 9.<br>NET<br>COST | 10.<br>COUNTR<br>Y<br>OF |
|----------------------------------------------------|---------------------------------------------|-----------------------------------|----------------|-------------------|--------------------------|
| CC4070-V01 ✓ 41228-400-009-001 ✓ <i>Sp 11e-003</i> | 8538908040                                  | B                                 | YES            | NO                | US                       |
| CC4070-V04 41228-400-009-004                       | 8538908040                                  | B                                 | YES            | NO                | US                       |
| CC4070-V05 41228-400-009-005                       | 8538908040                                  | B                                 | YES            | NO                | US                       |
| CC4070-V09 41228-400-009-009                       | 8538908040                                  | B                                 | YES            | NO                | US                       |

I CERTIFY THAT:

- THE INFORMATION ON THIS DOCUMENT IS TRUE AND ACCURATE AND I ASSUME THE RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS. I UNDERSTAND THAT I AM LIABLE FOR ANY FALSE STATEMENTS OR MATERIAL OMISSIONS MADE ON OR IN CONNECTION WITH THIS DOCUMENT;
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- THE GOODS ORIGINATED IN THE TERRITORY OF ONE OR MORE OF THE PARTIES, AND COMPLY WITH THE ORIGIN REQUIREMENTS SPECIFIED FOR THOSE GOODS IN THE NORTH AMERICAN FREE TRADE AGREEMENT, AND UNLESS SPECIFICALLY EXEMPTED IN ARTICLE 411 OR ANNEX 401, THERE HAS BEEN NO FURTHER PRODUCTION OR ANY OTHER OPERATION OUTSIDE THE TERRITORIES OF THE PARTIES; AND
- THIS CERTIFICATE CONSISTS OF            PAGES, INCLUDING ALL ATTACHMENTS.

|                                                         |                                     |                                                    |             |
|---------------------------------------------------------|-------------------------------------|----------------------------------------------------|-------------|
| 11a. AUTHORIZED SIGNATURE<br><br><i>Rafael Rumbonzo</i> |                                     | 11b. COMPANY<br>Positronic Industries Caribe, Inc. |             |
| 11c. NAME (PRINT OR TYPE)<br><i>Rafael Rumbonzo</i>     |                                     | 11d. TITLE<br>SHIPPER                              |             |
| 11e. DATE(DD/MM/YY)<br>02/03/16                         | 11f. TELEPHONE NUMBER<br><br>NUMBER | (Voice) 787-841-0920                               | (Facsimile) |